

## INTERNATIONAL SEARCH REPORT

International Application No

L2004/000488

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H03K3/57

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KOTOV Y A ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "A NOVEL NANOSECOND SEMICONDUCTOR OPENING SWITCH FOR MEGAVOLT REPETITIVE PULSED POWER TECHNOLOGY: EXPERIMENT AND APPLICATIONS" DIGEST OF TECHNICAL PAPERS OF THE INTERNATIONAL PULSED POWER CONFERENCE. ALBUQUERQUE, JUNE 21 - 23, 1993, NEW YORK, IEEE, US, vol. VOL. 1 CONF. 9, 21 June 1993 (1993-06-21), pages 134-139, XP000531073 ISBN: 0-7803-1416-6 figures 4,5  ----- -/--	1-12

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the International search

20 September 2004

Date of mailing of the International search report

29/09/2004

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PCT/IL2004/000488

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/003820 A1 (MATSUNAGA TAKASHI ET AL) 10 January 2002 (2002-01-10) paragraphs '0064! - '0075!; figure 6	1-5
A		6-12
X	US 4 612 455 A (CARTER JOHN L ET AL) 16 September 1986 (1986-09-16) column 4, line 12 - column 5, line 46; figures 3,4	1-5
A		6-12
A	GIESSELMANN M ET AL: "Evaluation of a solid state opening switch (SOS) diode pulser for use in a electrochemical reactor" CONFERENCE RECORD OF THE 2000 IEEE INDUSTRY APPLICATIONS CONFERENCE. THIRTY-FIFTH IAS ANNUAL MEETING AND WORLD CONFERENCE ON INDUSTRIAL APPLICATIONS OF ELECTRICAL ENERGY, 8-12 OCT. 2000, ROME, ITALY, vol. 1, 8 October 2000 (2000-10-08), pages 588-591, XP010521268 PISCATAWAY, NJ, USA figure 2	1-12

**INTERNATIONAL SEARCH REPORT**

ormation on patent family members

International Application No

PC 2004/000488

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002003820	A1	10-01-2002	JP 11112300 A 23-04-1999
			JP 11251675 A 17-09-1999
			DE 19845586 A1 15-04-1999
US 4612455	A	16-09-1986	NONE